CLAIM AMENDMENTS:

1 to 14 cancelled

15. (previously presented) A device for generating a homogeneous powder-air mixture, the device comprising:

an intake region for powder, said intake region surrounded by pressurized air forming an enveloping jet;
a pressure section adjacent to and downstream of said intake region, said pressure section extending in an axial direction;
a suction section, extending in a radial direction and having openings communicating with surroundings of the device, wherein said pressure section feeds into said suction section in an orthogonal direction and in an ejector-like manner, with said suction section completely surrounding said pressure section; and
an outlet region disposed immediately downstream of said suction section.

16. (previously presented) The device of claim 15, wherein said intake region carries an inhomogeneous powder-air pre-mixture which terminates in said pressure section.

17. (previously presented) The device of claim 15, wherein said suction section carries ambient air.

18. (previously presented) The device of claim 15, wherein said pressure section is jacketed by said suction section.

19. (previously presented) The device of claim 15, wherein said suction section has several suction passages or openings that feed to the surroundings.

20. (previously presented) The device of claim 19, wherein said suction passages or openings are uniformly distributed about a periphery of said suction section.

21. (previously presented) The device of claim 19, wherein said suction passages or openings are disposed in a radial direction.

22. (previously presented) The device of claim 19, wherein said suction passages or openings are at an angle with respect to a radial direction.

23. (previously presented) The device of claim 15, wherein said outlet has a cylindrical design.

24. (previously presented) The device of claim 15, wherein said suction section conically tapers in a flow direction.

25. (previously presented) The device of claim 15, further comprising an upstream mixer generating a powder-compressed air mixture and having an outlet terminating in said suction section.

26. cancelled